

Amendments to the Specification:

Please replace the paragraph at page 31, lines 19-20, with the following amended paragraph:

The smaller the value of UM, the larger the space time ID correlation.

Please replace the paragraph at page 36, lines 12-20, with the following amended paragraph:

For example, at step-S16 S14, the motion vector MV of one block is shifted pixel-by-pixel within a predetermined range, or the ID of one block is changed. Then, the procedure returns to step-S15 S13, and if the sum UT is larger than the previous one, the changed MV or ID is restored at step-S16 S14.

If the sum UT is less than the previous one, like change is made to the next block. The predetermined range is, for example, +4 pixels in each direction of left, right, top and bottom of the block.

Please replace the third paragraph at page 40, lines 9-18 with the following amended paragraph:

For example, an area A1 (a hatched figure in FIG. 19(C)) is determined by performing a logical AND operation between a figure, which is obtained by moving an object OBJ1(t - 1) shown in FIG. 19(A) by an average motion vector of the

object $\text{OBJ1}(t - 1)$, and a figure of a corresponding object $\text{OBJ1}(t)$ shown in FIG. 19(B). An area A_0 of the figure of the object $\text{OBJ1}(t - 1)$ is also calculated. Then, the ratio of the areas " A_1/A_0 " is calculated as the correlation. The area A_0 may be the area A_0 of the figure of the object $\text{OBJ1}(t)$.